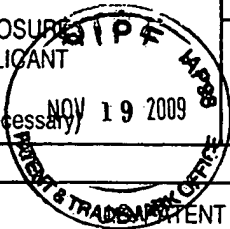


FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0409.1US	SERIAL NO. 10/616,331
	APPLICANT Terry et al.	
	FILING DATE July 9, 2003	GROUP 2616



PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,471,207	11/1995	Zandi et al. <sup>9</sup>			
		5,491,728	02/1996	Verhille et al. <sup>10</sup>			
	*	5,673,307	09/1997	Holland et al.			
	*	5,751,719	05/1998	Chen et al.			
	*	5,940,381	08/1999	Freeburg et al.			
	*	5,974,036	10/1999	Acharya et al.			
	*	6,131,030	10/2000	Schön et al.			
	*	6,230,013	05/2001	Wallentin et al.			
	*	6,233,454	05/2001	Sato			
	*	6,337,983	01/2002	Bonta et al.			
		6,385,184	05/2002	Kitade et al. <sup>1</sup>			
	*	6,445,917	09/2002	Bark et al.			
	*	6,466,556	10/2002	Boudreaux			
	*	6,507,572	01/2003	Kumar et al.			
		6,532,364	03/2003	Uchida et al. <sup>2</sup>			
		6,546,001	04/2003	Semper et al.			
	*	6,553,015	04/2003	Sato			
	*	6,553,231	04/2003	Karlsson et al.			
	*	6,567,670	05/2003	Petersson <sup>12</sup>			
		6,621,793	09/2003	Widegren et al.			
		6,678,249	01/2004	Toskala et al.			
		6,681,112	01/2004	Schwarz et al.			
		6,717,927	04/2004	Chao et al.			
	*	6,744,778	06/2004	Allpress et al. <sup>13</sup>			
	*	6,839,329	01/2005	Sato et al. <sup>14</sup>			

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		6,901,063	05/2005	Vayanos et al.			
	*	6,975,881	12/2005	Sheynman et al. <sup>15</sup>			
	*	7,010,318	03/2006	Chang et al. <sup>16</sup>			
	*	7,054,633	05/2006	Seo et al. <sup>17</sup>			
	*	2001/0012279	08/2001	Haumont et al.			
	*	2001/0021180	09/2001	Lee et el.			
	*	2001/0046211	11/2001	Maruwaka et al. <sup>18</sup>			
		2002/107019	08/2002	Mikola et al.			
		2003/0016698	01/2003	Chang et al.			
		2003/0039270	02/2003	Chang et al.			
		2003/0189909	10/2003	Chao et al.			
		2003/147370	08/2003	Wu			
		2004/0179619	09/2004	Tian et al. <sup>11</sup>			
		2004/0229626	11/2004	Yi et al. <sup>3</sup>			
		2005/0281222	12/2005	Ranta-Aho et al. <sup>4</sup>			
		2006/0034204	02/2006	Lee et al. <sup>5</sup>			
		2007/0121542	05/2007	Lohr et al. <sup>6</sup>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	*	1378357	11/2002	CN			X**	
	*	1 233 638	08/2002	EP				
	*	1 263 159	12/2002	EP				
	*	11-331208	11/1999	JP			X**	
		2000-115059	04/2000	JP			X**	
		2000-59459	02/2000	JP			X**	

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	FILING DATE July 9, 2003	GROUP 2616

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		2001-148879	05/2001	JP			X**	
		2000118981	07/2002	RU				X
		00/74341	12/2000	WO <sup>7</sup>				
	*	01/05121	01/2001	WO				
	*	01/39408	05/2001	WO				
	*	01/50672	07/2001	WO				
	*	02/01769	01/2002	WO				
		02/037872	05/2002	WO <sup>8</sup>				
	*	03/005629	01/2003	WO <sup>19</sup>				

## OTHER DOCUMENTS

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	*	MOTOROLA, "HS-DSCH Cell Change", TSG-RAN Working Group 2 Meeting #24, R2-012391, (New York, October 22-26, 2001).
		"MAC-hs Reset." 3GPP TSG RAN WG2#28, Kobe, Japan, 8-12 April 2002, Tdoc R2-020752.
		"RLC Status Upon Handover for Efficient Recovery of Node-B Buffered Data." 3GPP TSG RAN WG2#31, Stockholm, Sweden, 19-23 August 2002, Tdoc R2-021998.
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)." 3GPP TS 25.321, v5.1.0, June 2006.
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.2.0, March 2002.
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.4.0, March 2003.

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<p align="center"><del>FORM</del> PTO-1449</p> <p align="center">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p align="center">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p align="center">(Use several sheets if necessary)</p>	<p align="center">ATTY. DOCKET NO. I-2-0409.1US</p>	<p align="center">SERIAL NO. 10/616,331</p>
	<p align="center">APPLICANT Terry et al.</p>	
	<p align="center">FILING DATE July 9, 2003</p>	<p align="center">GROUP 2616</p>

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)," 3GPP TS 25.321, V5.5.0 (June 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.8.0 (March 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.5.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.15.0 (March 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.12.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)," 3GPP TS 25.308 V5.4.0 (March 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.11.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.15.0 (June 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.5.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.10.0 (June 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.1.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.5.0 (June 2003).

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	APPLICANT Terry et al.	
	FILING DATE July 9, 2003	GROUP 2616

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.11.0 (June 2002).
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.15.0 (June 2003).
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.5.0 (June 2002).
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.9.0 (June 2003).
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.1.0 (June 2002).
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.5.0 (June 2003).
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.12.0 (June 2002).
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.15.0 (June 2003).
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 4)," 3GPP TS 23.060 V4.5.0 (June 2002).
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 4)," 3GPP TS 23.060 V4.8.0 (June 2003).
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.2.0 (June 2002).
	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.6.0 (June 2003).

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<p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. I-2-0409.1US</p>	<p>SERIAL NO. 10/616,331</p>
	<p>APPLICANT Terry et al.</p>	
	<p>FILING DATE July 9, 2003</p>	<p>GROUP 2616</p>

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
	.	<p>3GPP, "3<sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 6)," 3GPP TS 23.060 V6.1.0 (June 2003).</p>

X\*\* Abstract only

- <sup>1</sup> Corresponds to RU 2003113778
- <sup>2</sup> Corresponds to WO 99/17469
- <sup>3</sup> Corresponds to RU 2005137938
- <sup>4</sup> Corresponds to RU 2006145199
- <sup>5</sup> Corresponds to RU 2006140727
- <sup>6</sup> Corresponds to RU 2007114888
- <sup>7</sup> Corresponds to JP 2003-501888
- <sup>8</sup> Corresponds to JP 2004-519122
- <sup>9</sup> Corresponds to RU 2125765
- <sup>10</sup> Corresponds to RU 2142204
- <sup>11</sup> Corresponds to RU 2005117360
- <sup>12</sup> Corresponds to TW 477126
- <sup>13</sup> Corresponds to TW 408538
- <sup>14</sup> Corresponds to JP 2001-500675
- <sup>15</sup> Corresponds to RU 2006-109487
- <sup>16</sup> Corresponds to RU 2002-124526
- <sup>17</sup> Corresponds to RU 2251220
- <sup>18</sup> Corresponds to JP 2001-345879
- <sup>19</sup> Corresponds to RU 2003-134626

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	APPLICANT Terry et al.	
	FILING DATE July 9, 2003	GROUP 2472 <del>2010</del>



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/TN/		5,471,207	11/1995	Zandi et al. <sup>9</sup>			
		5,491,728	02/1996	Verhille et al. <sup>10</sup>			
	*	5,673,307	09/1997	Holland et al.			
	*	5,751,719	05/1998	Chen et al.			
	*	5,940,381	08/1999	Freeburg et al.			
	*	5,974,036	10/1999	Acharya et al.			
	*	6,131,030	10/2000	Schön et al.			
	*	6,230,013	05/2001	Wallentin et al.			
	*	6,233,454	05/2001	Sato			
	*	6,337,983	01/2002	Bonta et al.			
		6,385,184	05/2002	Kitade et al. <sup>1</sup>			
	*	6,445,917	09/2002	Bark et al.			
	*	6,466,556	10/2002	Boudreaux			
	*	6,507,572	01/2003	Kumar et al.			
		6,532,364	03/2003	Uchida et al. <sup>2</sup>			
		6,546,001	04/2003	Semper et al.			
	*	6,553,015	04/2003	Sato			
	*	6,553,231	04/2003	Karlsson et al.			
	*	6,567,670	05/2003	Petersson <sup>12</sup>			
		6,621,793	09/2003	Widgren et al.			
		6,678,249	01/2004	Toskala et al.			
		6,681,112	01/2004	Schwarz et al.			
		6,717,927	04/2004	Chao et al.			
✓	*	6,744,778	06/2004	Allpress et al. <sup>13</sup>			
/TN/	*	6,839,329	01/2005	Sato et al. <sup>14</sup>			

EXAMINER /Toan Nguyen/	DATE CONSIDERED 11/24/2009
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	FILING DATE July 9, 2003	GROUP <del>2616</del> 2472

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/TN/		6,901,063	05/2005	Vayanos et al.			
	*	6,975,881	12/2005	Sheynman et al. <sup>15</sup>			
	*	7,010,318	03/2006	Chang et al. <sup>16</sup>			
	*	7,054,633	05/2006	Seo et al. <sup>17</sup>			
	*	2001/0012279	08/2001	Haumont et al.			
	*	2001/0021180	09/2001	Lee et el.			
	*	2001/0046211	11/2001	Maruwaka et al. <sup>18</sup>			
		2002/107019	08/2002	Mikola et al.			
		2003/0016698	01/2003	Chang et al.			
		2003/0039270	02/2003	Chang et al.			
		2003/0189909	10/2003	Chao et al.			
		2003/147370	08/2003	Wu			
		2004/0179619	09/2004	Tian et al. <sup>11</sup>			
		2004/0229626	11/2004	Yi et al. <sup>3</sup>			
		2005/0281222	12/2005	Ranta-Aho et al. <sup>4</sup>			
↓		2006/0034204	02/2006	Lee et al. <sup>5</sup>			
/TN/		2007/0121542	05/2007	Lohr et al. <sup>6</sup>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/TN/	*	1378357	11/2002	CN			X**	
	*	1 233 638	08/2002	EP				
	*	1 263 159	12/2002	EP				
	*	11-331208	11/1999	JP			X**	
↓		2000-115059	04/2000	JP			X**	
/TN/		2000-59459	02/2000	JP			X**	

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	*	01/39408	05/2001	WO				
	*	01/50672	07/2001	WO				
	*	02/01769	01/2002	WO				
		02/037872	05/2002	WO <sup>8</sup>				
/TN/	*	03/005629	01/2003	WO <sup>19</sup>				

## OTHER DOCUMENTS

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		"MAC-hs Reset." 3GPP TSG RAN WG2#28, Kobe, Japan, 8-12 April 2002, Tdoc R2-020752.
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		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.2.0, March 2002.
/TN/	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.4.0, March 2003.

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EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)," 3GPP TS 25.321, V5.5.0 (June 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.8.0 (March 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.5.0 (June 2002).
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		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.11.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.15.0 (June 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.5.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.10.0 (June 2003).
↓		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.1.0 (June 2002).
/TN/		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.5.0 (June 2003).

EXAMINER /Toan Nguyen/	DATE CONSIDERED 11/24/2009
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<p>FORM PTO-1449</p> <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. I-2-0409.1US</p>	<p>SERIAL NO. 10/616,331</p>
	<p>APPLICANT Terry et al.</p>	
	<p>FILING DATE July 9, 2003</p>	<p>GROUP 2472 <del>2010</del></p>

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.11.0 (June 2002).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.15.0 (June 2003).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.5.0 (June 2002).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.9.0 (June 2003).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.1.0 (June 2002).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.5.0 (June 2003).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.12.0 (June 2002).
	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.15.0 (June 2003).
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	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.2.0 (June 2002).
/TN/	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.6.0 (June 2003).

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	<p align="center">APPLICANT Terry et al.</p>	
	<p align="center">FILING DATE July 9, 2003</p>	<p align="center">GROUP 2 4 7 2    <del>2616</del></p>

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/	*	<p>3GPP, "3<sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 6)," 3GPP TS 23.060 V6.1.0 (June 2003).</p>

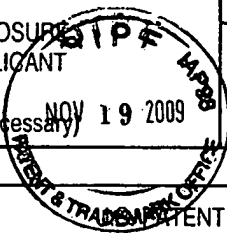
X\*\* Abstract only

- <sup>1</sup> Corresponds to RU 2003113778
- <sup>2</sup> Corresponds to WO 99/17469
- <sup>3</sup> Corresponds to RU 2005137938
- <sup>4</sup> Corresponds to RU 2006145199
- <sup>5</sup> Corresponds to RU 2006140727
- <sup>6</sup> Corresponds to RU 2007114888
- <sup>7</sup> Corresponds to JP 2003-501888
- <sup>8</sup> Corresponds to JP 2004-519122
- <sup>9</sup> Corresponds to RU 2125765
- <sup>10</sup> Corresponds to RU 2142204
- <sup>11</sup> Corresponds to RU 2005117360
- <sup>12</sup> Corresponds to TW 477126
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- <sup>16</sup> Corresponds to RU 2002-124526
- <sup>17</sup> Corresponds to RU 2251220
- <sup>18</sup> Corresponds to JP 2001-345879
- <sup>19</sup> Corresponds to RU 2003-134626

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PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/TN/		5,471,207	11/1995	Zandi et al. <sup>9</sup>			
		5,491,728	02/1996	Verhille et al. <sup>10</sup>			
	*	5,673,307	09/1997	Holland et al.			
	*	5,751,719	05/1998	Chen et al.			
	*	5,940,381	08/1999	Freeburg et al.			
	*	5,974,036	10/1999	Acharya et al.			
	*	6,131,030	10/2000	Schön et al.			
	*	6,230,013	05/2001	Wallentin et al.			
	*	6,233,454	05/2001	Sato			
	*	6,337,983	01/2002	Bonta et al.			
		6,385,184	05/2002	Kitade et al. <sup>1</sup>			
	*	6,445,917	09/2002	Bark et al.			
	*	6,466,556	10/2002	Boudreaux			
	*	6,507,572	01/2003	Kumar et al.			
		6,532,364	03/2003	Uchida et al. <sup>2</sup>			
		6,546,001	04/2003	Semper et al.			
	*	6,553,015	04/2003	Sato			
	*	6,553,231	04/2003	Karlsson et al.			
	*	6,567,670	05/2003	Petersson <sup>12</sup>			
		6,621,793	09/2003	Widegren et al.			
		6,678,249	01/2004	Toskala et al.			
		6,681,112	01/2004	Schwarz et al.			
		6,717,927	04/2004	Chao et al.			
✓	*	6,744,778	06/2004	Allpress et al. <sup>13</sup>			
/TN/	*	6,839,329	01/2005	Sato et al. <sup>14</sup>			

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	FILING DATE July 9, 2003	GROUP 2472 <del>2616</del>

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/TN/		6,901,063	05/2005	Vayanos et al.			
	*	6,975,881	12/2005	Sheynman et al. <sup>15</sup>			
	*	7,010,318	03/2006	Chang et al. <sup>16</sup>			
	*	7,054,633	05/2006	Seo et al. <sup>17</sup>			
	*	2001/0012279	08/2001	Haumont et al.			
	*	2001/0021180	09/2001	Lee et el.			
	*	2001/0046211	11/2001	Maruwaka et al. <sup>18</sup>			
		2002/107019	08/2002	Mikola et al.			
		2003/0016698	01/2003	Chang et al.			
		2003/0039270	02/2003	Chang et al.			
		2003/0189909	10/2003	Chao et al.			
		2003/147370	08/2003	Wu			
		2004/0179619	09/2004	Tian et al. <sup>11</sup>			
		2004/0229626	11/2004	Yi et al. <sup>3</sup>			
		2005/0281222	12/2005	Ranta-Aho et al. <sup>4</sup>			
↓		2006/0034204	02/2006	Lee et al. <sup>5</sup>			
/TN/		2007/0121542	05/2007	Lohr et al. <sup>6</sup>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/TN/	*	1378357	11/2002	CN			X**	
	*	1 233 638	08/2002	EP				
	*	1 263 159	12/2002	EP				
	*	11-331208	11/1999	JP			X**	
↓		2000-115059	04/2000	JP			X**	
/TN/		2000-59459	02/2000	JP			X**	

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	FILING DATE July 9, 2003	GROUP 2472 <del>2616</del>


EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/TN/		2001-148879	05/2001	JP			X**	
		2000118981	07/2002	RU				X
		00/74341	12/2000	WO <sup>7</sup>				
	*	01/05121	01/2001	WO				
	*	01/39408	05/2001	WO				
	*	01/50672	07/2001	WO				
	*	02/01769	01/2002	WO				
↓		02/037872	05/2002	WO <sup>8</sup>				
/TN/	*	03/005629	01/2003	WO <sup>19</sup>				

## OTHER DOCUMENTS

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/	*	MOTOROLA, "HS-DSCH Cell Change", TSG-RAN Working Group 2 Meeting #24, R2-012391, (New York, October 22-26, 2001).
		"MAC-hs Reset." 3GPP TSG RAN WG2#28, Kobe, Japan, 8-12 April 2002, Tdoc R2-020752.
		"RLC Status Upon Handover for Efficient Recovery of Node-B Buffered Data." 3GPP TSG RAN WG2#31, Stockholm, Sweden, 19-23 August 2002, Tdoc R2-021998.
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)." 3GPP TS 25.321, v5.1.0, June 2006.
↓		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.2.0, March 2002.
/TN/	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.4.0, March 2003.

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<p style="text-align: center;">   <b>U.S. DEPARTMENT OF COMMERCE</b>  <b>PATENT AND TRADEMARK OFFICE</b>   <b>INFORMATION DISCLOSURE</b>  <b>STATEMENT BY APPLICANT</b>           (Use several sheets if necessary)       </p>	<b>ATTY. DOCKET NO.</b> I-2-0409.1US	<b>SERIAL NO.</b> 10/616,331
	<b>APPLICANT</b> Terry et al.	
	<b>FILING DATE</b> July 9, 2003	<b>GROUP</b> 2472 <del>2616</del>

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)," 3GPP TS 25.321, V5.5.0 (June 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.8.0 (March 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.5.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.15.0 (March 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.12.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)," 3GPP TS 25.308 V5.4.0 (March 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.11.0 (June 2002).
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		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.1.0 (June 2002).
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	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.15.0 (June 2003).
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↓ /TN/	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.6.0 (June 2003).

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	<p>FILING DATE July 9, 2003</p>	<p>GROUP 2472 <del>2616</del></p>

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	*	5,751,719	05/1998	Chen et al.			
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	*	5,974,036	10/1999	Acharya et al.			
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	*	6,233,454	05/2001	Sato			
	*	6,337,983	01/2002	Bonta et al.			
		6,385,184	05/2002	Kitade et al. <sup>1</sup>			
	*	6,445,917	09/2002	Bark et al.			
	*	6,466,556	10/2002	Boudreaux			
	*	6,507,572	01/2003	Kumar et al.			
		6,532,364	03/2003	Uchida et al. <sup>2</sup>			
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	*	6,553,015	04/2003	Sato			
	*	6,553,231	04/2003	Karlsson et al.			
	*	6,567,670	05/2003	Petersson <sup>12</sup>			
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		6,678,249	01/2004	Toskala et al.			
		6,681,112	01/2004	Schwarz et al.			
		6,717,927	04/2004	Chao et al.			
↓	*	6,744,778	06/2004	Alipress et al. <sup>13</sup>			
/TN/	*	6,839,329	01/2005	Sato et al. <sup>14</sup>			

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	APPLICANT Terry et al.	
	FILING DATE July 9, 2003	GROUP <del>2616</del> 2472

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/TN/		6,901,063	05/2005	Vayanos et al.			
	*	6,975,881	12/2005	Sheynman et al. <sup>15</sup>			
	*	7,010,318	03/2006	Chang et al. <sup>16</sup>			
	*	7,054,633	05/2006	Seo et al. <sup>17</sup>			
	*	2001/0012279	08/2001	Haumont et al.			
	*	2001/0021180	09/2001	Lee et al.			
	*	2001/0046211	11/2001	Maruwaka et al. <sup>18</sup>			
		2002/107019	08/2002	Mikola et al.			
		2003/0016698	01/2003	Chang et al.			
		2003/0039270	02/2003	Chang et al.			
		2003/0189909	10/2003	Chao et al.			
		2003/147370	08/2003	Wu			
		2004/0179619	09/2004	Tian et al. <sup>11</sup>			
		2004/0229626	11/2004	Yi et al. <sup>3</sup>			
		2005/0281222	12/2005	Ranta-Aho et al. <sup>4</sup>			
↓		2006/0034204	02/2006	Lee et al. <sup>5</sup>			
/TN/		2007/0121542	05/2007	Lohr et al. <sup>6</sup>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/TN/	*	1378357	11/2002	CN			X**	
	*	1 233 638	08/2002	EP				
	*	1 263 159	12/2002	EP				
	*	11-331208	11/1999	JP			X**	
↓		2000-115059	04/2000	JP			X**	
/TN/		2000-59459	02/2000	JP			X**	

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	APPLICANT Terry et al.	
	FILING DATE July 9, 2003	GROUP 2472 <del>2616</del>

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/TN/		2001-148879	05/2001	JP			X**	
		2000118981	07/2002	RU				X
		00/74341	12/2000	WO <sup>7</sup>				
	*	01/05121	01/2001	WO				
	*	01/39408	05/2001	WO				
	*	01/50672	07/2001	WO				
	*	02/01769	01/2002	WO				
		02/037872	05/2002	WO <sup>8</sup>				
/TN/	*	03/005629	01/2003	WO <sup>19</sup>				

## OTHER DOCUMENTS

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/	*	MOTOROLA, "HS-DSCH Cell Change", TSG-RAN Working Group 2 Meeting #24, R2-012391, (New York, October 22-26, 2001).
		"MAC-hs Reset." 3GPP TSG RAN WG2#28, Kobe, Japan, 8-12 April 2002, Tdoc R2-020752.
		"RLC Status Upon Handover for Efficient Recovery of Node-B Buffered Data." 3GPP TSG RAN WG2#31, Stockholm, Sweden, 19-23 August 2002, Tdoc R2-021998.
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)." 3GPP TS 25.321, v5.1.0, June 2006.
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.2.0, March 2002.
/TN/	*	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)." 3GPP TS 25.308, v5.4.0, March 2003.

EXAMINER /Toan Nguyen/	DATE CONSIDERED 11/24/2009
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	APPLICANT Terry et al.	
	FILING DATE July 9, 2003	GROUP 2 4 7 2 <del>2016</del>

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 5)," 3GPP TS 25.321, V5.5.0 (June 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.8.0 (March 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 4)," 3GPP TS 25.321, V4.5.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.15.0 (March 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; MAC Protocol Specification (Release 1999)," 3GPP TS 25.321, V3.12.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; High Speed Downlink Packet Access (HSDPA); Overall Description; Stage 2 (Release 5)," 3GPP TS 25.308 V5.4.0 (March 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.11.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 1999)," 3GPP TS 25.331 V3.15.0 (June 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.5.0 (June 2002).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 4)," 3GPP TS 25.331 V4.10.0 (June 2003).
		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.1.0 (June 2002).
/TN/		3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC); Protocol Specification (Release 5)," 3GPP TS 25.331 V5.5.0 (June 2003).

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<p align="center">FORM PTO-1449</p> <p align="center">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p align="center">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p align="center">(Use several sheets if necessary)</p>	<p align="center">ATTY. DOCKET NO. I-2-0409.1US</p>	<p align="center">SERIAL NO. 10/616,331</p>
	<p align="center">APPLICANT Terry et al.</p>	
	<p align="center">FILING DATE July 9, 2003</p>	<p align="center">GROUP 2472 <del>2010</del></p>

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.11.0 (June 2002).
	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 1999)," 3GPP TS 25.322 V3.15.0 (June 2003).
	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.5.0 (June 2002).
	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 4)," 3GPP TS 25.322 V4.9.0 (June 2003).
	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.1.0 (June 2002).
	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Link Control (RLC) Protocol Specification (Release 5)," 3GPP TS 25.322 V5.5.0 (June 2003).
	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.12.0 (June 2002).
	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 1999)," 3GPP TS 23.060 V3.15.0 (June 2003).
	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 4)," 3GPP TS 23.060 V4.5.0 (June 2002).
	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 4)," 3GPP TS 23.060 V4.8.0 (June 2003).
↓	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.2.0 (June 2002).
/TN/	•	3GPP, "3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 5)," 3GPP TS 23.060 V5.6.0 (June 2003).

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	<b>APPLICANT</b> Terry et al.	
	<b>FILING DATE</b> July 9, 2003	<b>GROUP</b> 2 4 7 2 <del>2616</del>

EXAMINER INITIAL		DESCRIPTION (Including Author, Title, Date, Pertinent Pages, Etc.)
/TN/	*	3GPP, "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; General Packet Radio Service (GPRS); Service Description; Stage 2 (Release 6)," 3GPP TS 23.060 V6.1.0 (June 2003).

X\*\* Abstract only

- <sup>1</sup> Corresponds to RU 2003113778
- <sup>2</sup> Corresponds to WO 99/17469
- <sup>3</sup> Corresponds to RU 2005137938
- <sup>4</sup> Corresponds to RU 2006145199
- <sup>5</sup> Corresponds to RU 2006140727
- <sup>6</sup> Corresponds to RU 2007114888
- <sup>7</sup> Corresponds to JP 2003-501888
- <sup>8</sup> Corresponds to JP 2004-519122
- <sup>9</sup> Corresponds to RU 2125765
- <sup>10</sup> Corresponds to RU 2142204
- <sup>11</sup> Corresponds to RU 2005117360
- <sup>12</sup> Corresponds to TW 477126
- <sup>13</sup> Corresponds to TW 408538
- <sup>14</sup> Corresponds to JP 2001-500675
- <sup>15</sup> Corresponds to RU 2006-109487
- <sup>16</sup> Corresponds to RU 2002-124526
- <sup>17</sup> Corresponds to RU 2251220
- <sup>18</sup> Corresponds to JP 2001-345879
- <sup>19</sup> Corresponds to RU 2003-134626

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